

ABSTRACT

Both intensity(ies) and color(s) of fluorescent emissions appearing within a well-balanced multi-color fluorescent composite image, normally made simultaneously along each of multiple axis of a macroscopic specimen such as a mouse, are calibrated. The image is so calibrated in all its multiple intensity-adjusted fluorescent colors as may variously appear in any and all of the image's regions by one or more planar elements each having different regions variably fluorescing at predetermined intensities and, optionally also, at multiple different colors. The resulting panoramic composite image of a fluorescing, and multiply-fluorescing, specimen in which image these calibration elements also appear contains a great deal of calibration information, optionally showing scales in any of dimension, overall brightness, color temperature and/or the separate emission intensities of, permissively, each of several separate differently-colored fluorescent lights.